

ALICE TRD: Results from prototype tests

Ongoing

- Integrated front-end electronics and readout
- Position reconstruction → optimization of electronics parameters
- Construction of a realistic prototype has started: best compromise between detector performance and mechanical stiffness
 - foam/fibres sandwich radiator
 - sandwich cathode pad-plane

Outlook

- Tests with multilayer detector
- Evaluate the TRD performance in a multiparticle environment

Goals:

- Final design prototype constructed and tested by end of 2001
- Construction of the real detector starts beginning 2002